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AMENDMENTS TO THE SPECIFICATION

In the Specification:

Please replace the paragraph beginning on page 3, line 3 with the following rewritten paragraph, in which changes are shown in mark-up:

-- at least one ~~[[taping]]~~ tapping device for ~~[[taping]]~~ tapping output signal from one of the first and the second optical paths, and --

Please replace the paragraph beginning on page 4, line 6 with the following rewritten paragraph, in which changes are shown in mark-up:

-- at least one ~~[[taping]]~~ tapping device for ~~[[taping]]~~ tapping output signal from one of the first and the second optical paths, and --

In the Abstract:

Please replace the Abstract with the following Abstract, in which changes are shown in mark-up:

-- An all-optical bistable device, comprising:

a splitting device having first and second inputs and first and second outputs, for receiving first light beam at the first input and directing the first beam as second and third beams propagating through respective first and second outputs; first optical path between the first output and the second input and second optical path between the second output and the second input for creating combined optical path for the first and second beams at the second input; the combined optical path includes a saturable optical amplifier for enhancing and diminishing one of the second and the third beams for driving the optical amplifier into a saturation state to create one of two stable states in which one of the second and the third beams is an enhanced beam and the other beam is a diminishing beam; at least one ~~[[taping]]~~ tapping device for ~~[[taping]]~~ tapping output signal from one of the first and the second optical